Bruhath Bangalore Mahanagara Palike

Financial Bid Comparative Statement

Tender Notification No: RRND/EE/Tend/09/2019-20, Date: 25.10.2019

Indet No: BBMP/2019-20/RD/WORK_INDENT39022

Name of Work: Comprehensive Development of Roads and drains in ward No.16 Rajarajeshwarinagara Assembly Constituency under PACKAGE- 2019-20 RRN-DIV-(01).

Sl No	Item Name	Unit	Estimate Quantity	As per Sanctioned Estimate Rate (PWD SR 2018-19 B'lore Circle.)		As per PWD SR 2018-19 and Issue Rate Dated: 04.01.2020		Rates quoted by DAMODAR MANJUNATH (K DAMODAR AND CO)		Rates quoted by NAGINENI MUNISWAMYNAIDU KRISHNAMURTHY	
				Estimate Rate	Total Amount	Estimate Rate	Total Amount	Rate	Total Amount	Rate	Total Amount
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)complete as per the direction of Engineer in charge	Sqm	15544.40	111.30	1730091.72	111.30	1730091.72	120.00	1865328.00	121.87	1894396.03
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary	Cum	8482.26	235.76	1999777.62	235.76	1999777.62	254.00	2154494.04	258.16	2189780.24
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in	Sqm	216.18	4479.56	968391.28	4479.56	968391.28	4816.00	1041122.88	4905.12	1060388.84
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at	Cum	643.83	7070.20	4552006.87	7070.20	4552006.87	7601.00	4893751.83	7741.87	4984448.16
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in	tonne	40.23	72326.98	2909714.41	72326.98	2909714.41	77752.00	3127962.96	79198.04	3186137.15
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered	Cum	82.80	4871.76	403381.73	4871.76	403381.73	5238.00	433706.40	5334.58	441703.22
7	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per	Sqm	6557.60	966.72	6339363.07	966.72	6339363.07	1040.00	6819904.00	1058.56	6941613.06
8	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm	Cum	22433.60	150.52	3376705.47	150.52	3376705.47	162.00	3634243.20	164.82	3697505.95

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	240kgs. with 20mm and down size graded										
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs. with 20mm and down size graded	Cum	516.90	5599.98	2894829.66	5599.98	2894829.66	6020.00	3111738.00	6131.98	3169620.46
11	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:2:4 with OPC @ including cost of all materials in CM 1:3	Cum	341.61	5747.32	1963341.99	5747.32	1963341.99	6179.00	2110808.19	6293.32	2149861.05
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded	Sqm	5053.30	2337.00	11809562.10	2337.00	11809562.10	2513.00	12698942.90	2559.02	12931495.77
13	Removing and resetting of kerb stones.complete as per the direction of Engineer in charge	Sqm	157.00	5418.00	850626.00	5418.00	850626.00	5825.00	914525.00	5932.71	931435.47
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4	Rmt	10058.25	104.94	1055512.76	104.94	1055512.76	113.00	1136582.25	114.91	1155793.51
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete	nos	11900.00	467.46	5562774.00	467.46	5562774.00	503.00	5985700.00	511.87	6091253.00
16	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site,	Sqm	6165.20	84.80	522808.96	84.80	522808.96	92.00	567198.40	92.86	572500.47
17	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture	Cum	661.20	344.50	227783.40	344.50	227783.40	371.00	245305.20	377.23	249424.48
18	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in	Sqm	2088.00	1176.60	2456740.80	1176.60	2456740.80	1265.00	2641320.00	1288.38	2690137.44
19	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed	Cum	3559.55	84.42	300497.21	84.42	300497.21	91.00	323919.05	92.44	329044.80
20	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam	Cum	2466.80	1994.92	4921068.66	1994.92	4921068.66	2145.00	5291286.00	2184.44	5388576.59
21	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM	Sqm	11865.18	29.68	352158.54	28.62	339581.45	32.00	379685.76	32.50	385618.35
			2728.99	2001.28	5461473.11	2001.28	5461473.11	2152.00	5872786.48	2191.40	5980308.69

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22	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and	Sqm	33955.92	5.30	179966.38	5.30	179966.38	6.00	203735.52	5.80	196944.34	
23	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg	Sqm	89413.51	12.72	1137339.85	12.72	1137339.85	14.00	1251789.14	13.93	1245530.19	
24	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with bituminous binder	Cum	2345.06	6858.20	16082890.49	6597.44	15471392.65	7373.00	17290127.38	7509.73	17610767.43	
25	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder	Cum	1876.04	7911.84	14842928.31	7590.66	14240381.78	8506.00	15957596.24	8663.46	16252997.50	
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous	Sqm	2716.25	454.74	1235187.53	454.74	1235187.53	489.00	1328246.25	497.94	1352529.53	
27	Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with	nos	3142.00	357.22	1122385.24	357.22	1122385.24	390.00	1225380.00	391.16	1229024.72	
	Total Summary Amount				**95259107.13**		**94032485.67**		**102507185.07**		**104308836.43**	
	% when compared to PWD SR 2018-19 (Sanctioned Estimate Rates)							**7.61**		**9.50**		
	% when compared to PWD SR 2018-19 and Issue rates dated 04.01.2020							**9.01**		**10.93**		
	Remarks							**L1**		**L2**		

Executive Engineer
Rajarajeshwari nagar Division
BBMP

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